

C6648975

MODEL 760<sup>TM</sup> M24

Model **SMS**<sup>TM</sup>

Action

Barrel Length

Capacity

Order No. **5716**

\*Includes 1 in chamber.

*Remington*




VERY IMPORTANT:  
Instruction Book  
enclosed to assure  
safe use of this  
firearm.

REG. U.S. PAT. & TM. OFF.

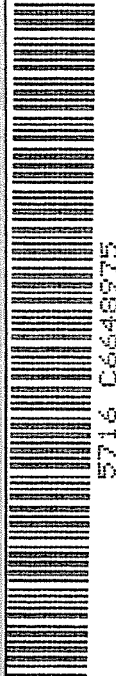
MODEL 700<sup>TH</sup> M24

SERIAL NO.  
C6648975

ORDER NO.  
5716

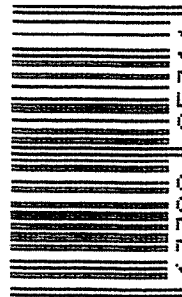
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.

Ø.5



5716 C6648975

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6648975

| OP. #        | OP. NAME                                                       | READINGS | DATE        | INIT |
|--------------|----------------------------------------------------------------|----------|-------------|------|
| 575 &<br>580 | Assemble Action<br>and Stock                                   | 7 2      | 8 1         | RW   |
| 600          | Proof                                                          | 7 2      | 9 1         | RW   |
| 607          | Check Headspace                                                | 7 2      | 9 1         | RW   |
| 610          | Dis-assemble Gun                                               | 7 2      | 9 1         | RW   |
| 612          | Magnaflux Barrel<br>Action                                     |          | JUL 22 1991 | GS   |
|              | Magnaflux Bolt                                                 |          | JUL 22 1991 | GS   |
| 615          | Rollmark Caliber                                               |          | JUL 22 1991 | GS   |
| 617          | Drill and Tap Sight Holes                                      |          | JUL 22 1991 | LB   |
| 618          | Polish Barrel                                                  |          | 7/22/91     | WB   |
| 620          | Apply Coatings<br>(Barrel Action)                              |          | 8-23-91     | TS   |
|              | Apply Coating (Bolt)                                           |          |             |      |
| 625          | Final Assembly<br>A) Clean inside of<br>Bolt Assembly          |          | 8/29/91     | RW   |
|              | B) Inspect Rear Firing<br>Pin Hole for Chamfer<br>in Bolt Head |          | 8/29/91     | RW   |
|              | C) Inspect Ejector Hole<br>for Chamfer                         |          | 8/29/91     | RW   |
|              | D) Oil Firing Pin Ass'y                                        |          | 8/29/91     | RW   |
|              | E) Adjust Trigger Pull to<br>Min Setting and Stake             |          | 9/9/91      | JS   |

| op. #        | OP. NAME                                                    | READINGS        |                 |                 |      |      | DATE    | INIT |
|--------------|-------------------------------------------------------------|-----------------|-----------------|-----------------|------|------|---------|------|
| 625<br>cont. | F) Safety On Force                                          | 4 $\frac{3}{4}$ | 5               | 4 $\frac{1}{2}$ |      |      | 9-9-91  | DH   |
|              | G) Safety Off Force                                         | 2 $\frac{1}{2}$ | 2 $\frac{1}{2}$ | 2 $\frac{1}{2}$ |      |      | 9-9-91  | DH   |
|              | H) Trigger Pull Test & Retainability                        |                 |                 |                 |      |      | 9-9-91  | SH   |
|              | I) Firing Pin Indent                                        | .024            | .024            | .024            |      |      | 9-9-91  | DH   |
|              | J) Assemble Stock                                           |                 |                 |                 |      |      | 9/12/91 | RW   |
|              | K) Assemble Swivel Studs                                    |                 |                 |                 |      |      | 9/13/91 | SH   |
|              | L) Attach Front and Rear Sight Assemblies                   |                 |                 |                 |      |      | 9/12/91 | RW   |
|              | M) Iron Sight Alignment                                     |                 |                 |                 |      |      | 9/12/91 | RW   |
|              | N) Detach Front & Rear Sights & place in numbered container |                 |                 |                 |      |      | 9/12/91 | RW   |
|              | O) Attach Scope to Rifle                                    |                 |                 |                 |      |      | 9/12/91 | RW   |
|              | P) Detach & Attach Scope 20 Times                           |                 |                 |                 |      |      | 9/12/91 | RW   |
| 640          | Gallery Target & Test                                       |                 |                 |                 |      |      | 9/12/91 | KT   |
|              | A) Time                                                     |                 |                 |                 |      |      |         | KT   |
|              | B) Malfunctions                                             |                 |                 |                 |      |      |         | KT   |
|              | C) Pierced Primers                                          |                 |                 |                 |      |      |         | KT   |
|              | D) Optical Clarity of Scope                                 |                 |                 |                 |      |      |         | KT   |
| 645          | Inspect for Live Ammo                                       |                 |                 |                 |      |      | 9/12/91 | KT   |
| 655          | Final Inspection                                            |                 |                 |                 |      |      |         |      |
|              | A) Headspace                                                |                 |                 |                 |      |      | 9/13/91 | SH   |
|              | B) Trigger Pull                                             | 2.18            | 2.22            | 2.25            | 2.22 | 2.16 | 9/13/91 | SH   |
|              | C) Function                                                 |                 |                 |                 |      |      | 9/13/91 | SH   |
| 660          | Pack                                                        |                 |                 |                 |      |      | 9-18-91 | VF   |

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6648975

DATE 9/9/91

TESTER JH

|         | 2.50#<br>INITIAL | 2.50# AFTER<br>50 CYCLES | FINAL TEST &<br>TO RESET 2.50# |      | COMMENTS                                                               |
|---------|------------------|--------------------------|--------------------------------|------|------------------------------------------------------------------------|
| PULL #1 | 2.30             | 2.30                     | 2.44                           | 2.18 | MIN. SETTING,<br>NO AVG. OF 5<br>READINGS ACCEPT-<br>ABLE LESS THAN 2# |
| PULL #2 | 2.50             | 2.36                     | 2.40                           | 2.22 |                                                                        |
| PULL #3 | 2.20             | 2.38                     | 2.36                           | 2.25 |                                                                        |
| PULL #4 | 2.56             | 2.46                     | 2.42                           | 2.22 |                                                                        |
| PULL #5 | 2.55             | 2.42                     | 2.40                           | 2.16 |                                                                        |
| TOTAL   |                  |                          |                                |      |                                                                        |
| AVG.    |                  |                          |                                |      |                                                                        |

|         | 3.00#<br>INITIAL | 3.00# AFTER<br>20 CYCLES |  | COMMENTS |
|---------|------------------|--------------------------|--|----------|
| PULL #1 | 3.38             | 3.63                     |  |          |
| PULL #2 | 3.30             | 3.31                     |  |          |
| PULL #3 | 2.55             | 3.58                     |  |          |
| PULL #4 | 3.46             | 3.40                     |  |          |
| PULL #5 | 3.61             | 3.65                     |  |          |
| TOTAL   |                  |                          |  |          |
| AVG.    |                  |                          |  |          |

|         | 4.00#<br>INITIAL | 4.00# AFTER<br>20 CYCLES | MAX SETTING<br>GREATER THAN 4# | RESET TO 4# FOR<br>TARGET & ACCURACY |
|---------|------------------|--------------------------|--------------------------------|--------------------------------------|
| PULL #1 | 4.34             | 4.56                     |                                | 4.56                                 |
| PULL #2 | 4.25             | 4.63                     |                                | 4.64                                 |
| PULL #3 | 4.20             | 4.55                     |                                | 4.48                                 |
| PULL #4 | 4.55             | 4.63                     |                                | 4.62                                 |
| PULL #5 | 4.61             | 4.69                     |                                | 4.58                                 |
| TOTAL   |                  |                          |                                |                                      |
| AVG.    |                  |                          |                                |                                      |

CENTROIDAL DISTANCE CALCULATIONS  
FOR RIFLE # C6648975  
13 Sep 1991

CENTROIDAL DISTANCES

0 TO 1 .171432  
1 TO 2 .108157  
1 TO 3 .171406  
1 TO 4 .143544  
1 TO 5 .275363

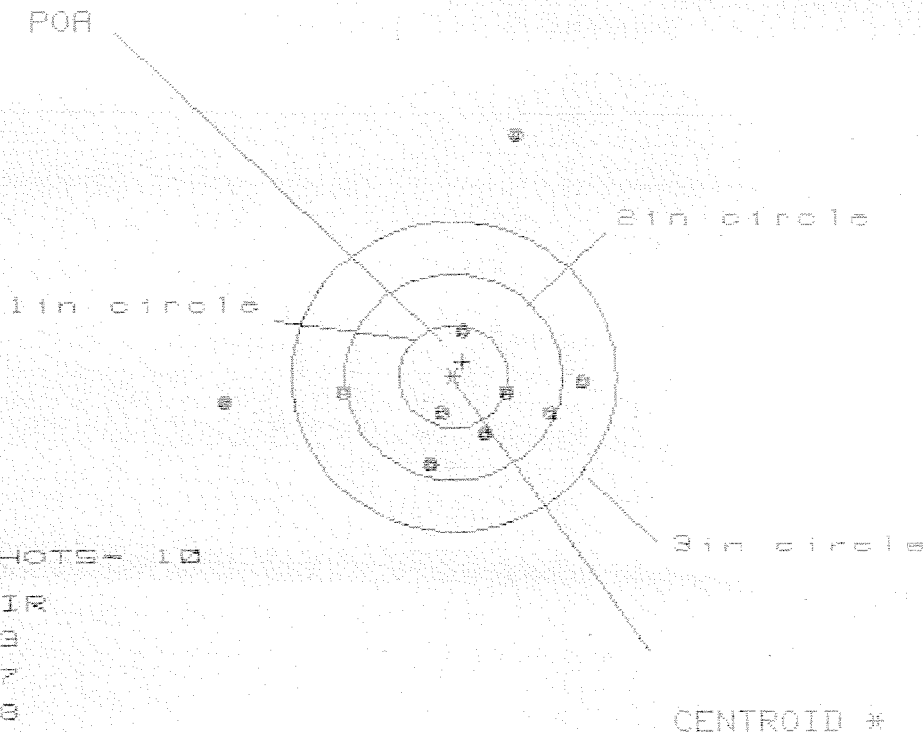
K-----POR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0476  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0166  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0504115  
THE AMR FOR THIS RIFLE IS: .9996

12 Sep 1991

FILE:/PATTERNING/CENTERFIRE\_PATT/C864B975

# CENTERFIRE PATTERNS # 1



# OF SHOTS= 10

# IN CIR

1in = 3

2in = 7

3in = 8

HS= 3.280

VS= 3.201

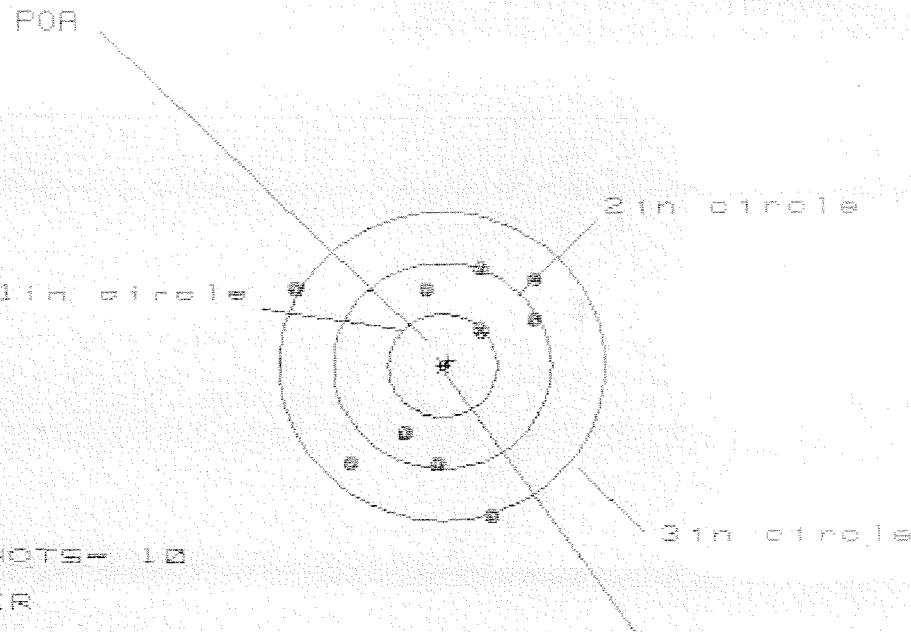
GS= 3.767

| PATTERN #                   | 1      | 9      | 8      |
|-----------------------------|--------|--------|--------|
| SHOTS (BEST OF)             | 10     | 9      | 8      |
| MAXIMUM X                   | 1.158  | 1.223  | .966   |
| MINIMUM X                   | -2.122 | -2.057 | -1.178 |
| MAXIMUM Y                   | 2.328  | .662   | .659   |
| MINIMUM Y                   | -.873  | -.615  | -.618  |
| CENTROID X                  | -.083  | -.148  | .109   |
| CENTROID Y                  | -.150  | -.408  | -.405  |
| POA TO CENTROID in.         | .171   | .435   | .419   |
| MIN RADIUS                  | .372   | .106   | .276   |
| MEAN RADIUS                 | 1.034  | .833   | .634   |
| MAX RADIUS                  | 2.402  | 2.057  | 1.184  |
| HORIZONTAL SPREAD           | 3.280  | 3.280  | 2.144  |
| VERTICAL SPREAD             | 3.201  | 1.277  | 1.277  |
| EXTREME SPREAD              | 3.767  | 3.290  | 2.146  |
| NUMBER IN ONE INCH CIRCLE   | = 3    |        |        |
| NUMBER IN TWO INCH CIRCLE   | = 7    |        |        |
| NUMBER IN THREE INCH CIRCLE | = 8    |        |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/CAB48375

# CENTERFIRE PATTERNS # 2



# OF SHOTS= 10

# IN CIR

1in = 1

2in = 6

3in = 3

HS= 2.244

VS= 2.418

GS= 2.868

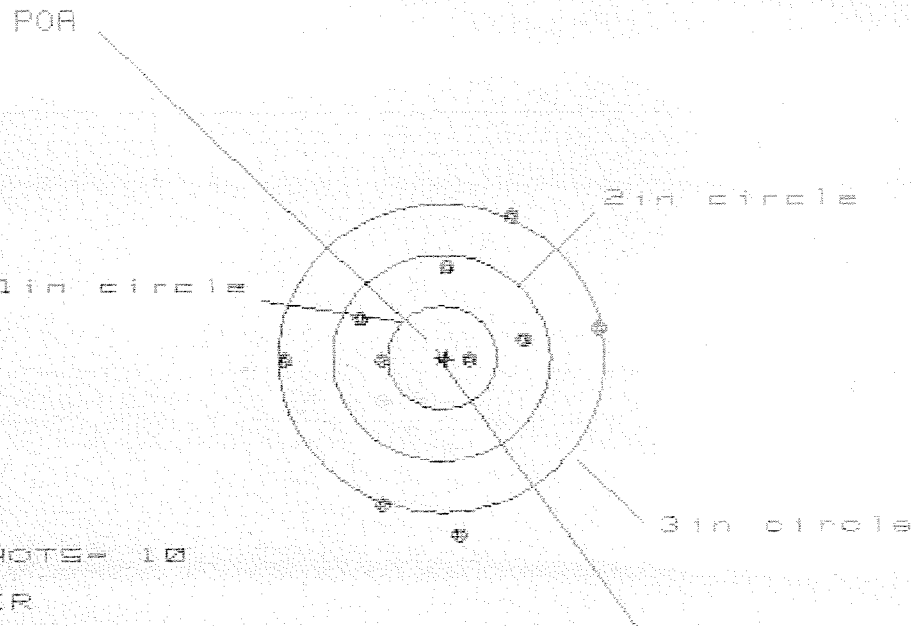
CENTROID \*

| PATTERN #                   | : | 2      |        |        |
|-----------------------------|---|--------|--------|--------|
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | .893   | .941   | .778   |
| MINIMUM X                   | : | -1.351 | -1.303 | -.992  |
| MAXIMUM Y                   | : | .922   | .756   | .829   |
| MINIMUM Y                   | : | -1.496 | -1.111 | -1.038 |
| CENTROID X                  | : | -.050  | -.098  | .065   |
| CENTROID Y                  | : | -.047  | .119   | .046   |
| POA TO CENTROID in.         | : | .069   | .154   | .080   |
| MIN RADIUS                  | : | .489   | .428   | .343   |
| MEAN RADIUS                 | : | 1.043  | .966   | .888   |
| MAX RADIUS                  | : | 1.558  | 1.427  | 1.436  |
| HORIZONTAL SPREAD           | : | 2.244  | 2.244  | 1.770  |
| VERTICAL SPREAD             | : | 2.418  | 1.867  | 1.867  |
| EXTREME SPREAD              | : | 2.868  | 2.527  | 2.527  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 6      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C6648975

# CENTERFIRE PATTERNS # 3



# OF SHOTS- 10

# IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.890

VS= 3.093

GS= 3.140

CENTROID #

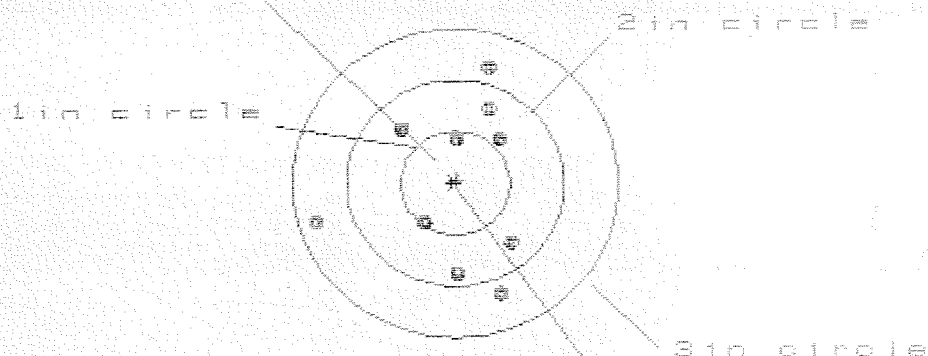
|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 3      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.454  | 1.469  | 1.556  |
| MINIMUM X                   | : | -1.436 | -1.421 | -1.334 |
| MAXIMUM Y                   | : | 1.411  | 1.224  | .873   |
| MINIMUM Y                   | : | -1.682 | -1.589 | -1.436 |
| CENTROID X                  | : | -.049  | -.064  | -.151  |
| CENTROID Y                  | : | .018   | .205   | .052   |
| POA TO CENTROID in.         | : | .052   | .215   | .160   |
| MIN RADIUS                  | : | .221   | .287   | .322   |
| MEAN RADIUS                 | : | 1.090  | 1.005  | .951   |
| MAX RADIUS                  | : | 1.688  | 1.663  | 1.569  |
| HORIZONTAL SPREAD           | : | 2.890  | 2.890  | 2.890  |
| VERTICAL SPREAD             | : | 3.093  | 2.813  | 2.309  |
| EXTREME SPREAD              | : | 3.140  | 3.052  | 2.898  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 1      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |

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FILE:/PATTERNING/CENTERFIRE\_PATT/C664B975

# CENTERFIRE PATTERNS # 4

POA



# OF SHOTS= 10

# IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.740

VS= 2.269

GS= 2.271

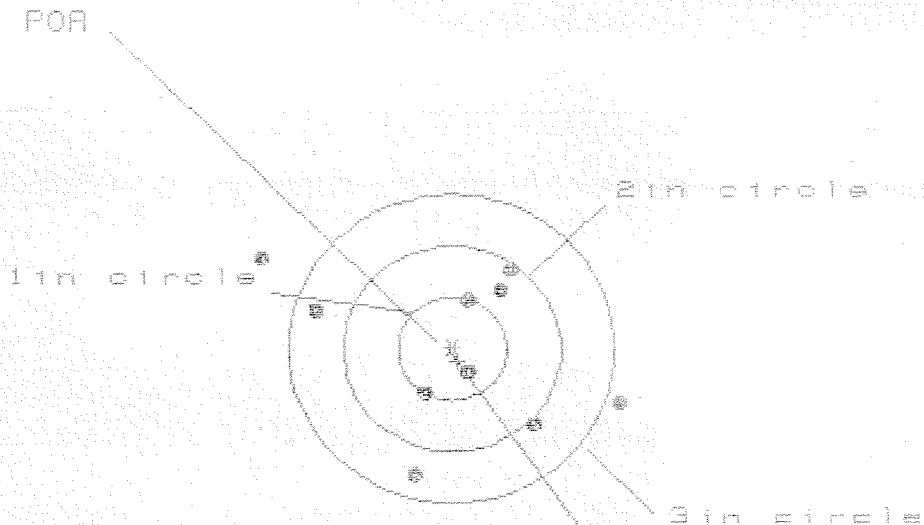
CENTROID #

|                             |   |        |        |       |
|-----------------------------|---|--------|--------|-------|
| PATTERN #                   | : | 4      |        |       |
| SHOTS (BEST OF)             | : | 10     | 9      | 8     |
| MAXIMUM X                   | : | .470   | .329   | .355  |
| MINIMUM X                   | : | -1.270 | -.587  | -.561 |
| MAXIMUM Y                   | : | 1.172  | 1.134  | .784  |
| MINIMUM Y                   | : | -1.097 | -1.135 | -.993 |
| CENTROID X                  | : | -.009  | .132   | .106  |
| CENTROID Y                  | : | -.027  | .012   | -.130 |
| POA TO CENTROID in.         | : | .028   | .132   | .168  |
| MIN RADIUS                  | : | .429   | .403   | .475  |
| MEAN RADIUS                 | : | .821   | .755   | .706  |
| MAX RADIUS                  | : | 1.316  | 1.176  | 1.047 |
| HORIZONTAL SPREAD           | : | 1.740  | .916   | .916  |
| VERTICAL SPREAD             | : | 2.269  | 2.269  | 1.777 |
| EXTREME SPREAD              | : | 2.271  | 2.271  | 1.812 |
| NUMBER IN ONE INCH CIRCLE   | = |        | 2      |       |
| NUMBER IN TWO INCH CIRCLE   | = |        | 7      |       |
| NUMBER IN THREE INCH CIRCLE | = |        | 10     |       |

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# CENTERFIRE PATTERNS # 5



# OF SHOTS- 10

# IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.319

VS= 2.088

GS= 3.612

CENTROID \*

|                             |   |        |        |        |
|-----------------------------|---|--------|--------|--------|
| PATTERN #                   | : | 5      |        |        |
| SHOTS (BEST OF)             | : | 10     | 9      | 8      |
| MAXIMUM X                   | : | 1.564  | 1.369  | .720   |
| MINIMUM X                   | : | -1.755 | -1.409 | -1.238 |
| MAXIMUM Y                   | : | .884   | .906   | .851   |
| MINIMUM Y                   | : | -1.204 | -1.106 | -1.161 |
| CENTROID X                  | : | -.047  | .140   | -.023  |
| CENTROID Y                  | : | .123   | .025   | .081   |
| POA TO CENTROID in.         | : | .132   | .150   | .084   |
| MIN RADIUS                  | : | .206   | .117   | .157   |
| MEAN RADIUS                 | : | 1.010  | .982   | .905   |
| MAX RADIUS                  | : | 1.965  | 1.503  | 1.323  |
| HORIZONTAL SPREAD           | : | 3.319  | 2.778  | 1.953  |
| VERTICAL SPREAD             | : | 2.088  | 2.012  | 2.012  |
| EXTREME SPREAD              | : | 3.612  | 2.941  | 2.291  |
| NUMBER IN ONE INCH CIRCLE   | = |        | 3      |        |
| NUMBER IN TWO INCH CIRCLE   | = |        | 5      |        |
| NUMBER IN THREE INCH CIRCLE | = |        | 8      |        |